

18. The user interface of claim 17, wherein at least one of the first conductor and the second conductor extends into the cavity.

19. The user interface of claim 17, wherein at least one of the first conductor and the second conductor is arranged about a portion of the perimeter of the cavity.

20. The user interface of claim 1, wherein the sensor is a capacitive sensor comprising a first conductor and a second conductor, configured to generate an electromagnetic field, and to detect a change in the electromagnetic field due to a deformation of the deformable region.

21. The user interface of claim 1, further comprising a processor coupled to the sensor and configured to interpret a deformation of the deformable region as a force applied to the tactile surface proximal the deformable region.

22. The user interface of claim 21, wherein the processor is configured to determine the magnitude of the force, compare the magnitude to a threshold, determine a first user input if the magnitude is less than the threshold, and determine a second user input if the magnitude is greater than the threshold.

23. The user interface of claim 21, wherein the processor is configured to determine a change rate of the detected force, compare the change rate of the detected force to a threshold, determine a first user input if the change rate is less than the threshold, and determine a second user input if the change rate is greater than the threshold.

24. The user interface of claim 1, wherein the tactile layer defines a plurality of deformable regions, and wherein the

sensor includes an array of sensors configured to detect a deformation of the each of the deformable regions due to a touch on the tactile surface.

25. The user interface of claim 24, wherein the array of sensors includes a first number of first conductors and a second number of second conductors, wherein the first number is equivalent to the number of deformable regions and the second number is less than the number of deformable regions, and wherein each first conductor corresponds to one deformable region and each second conductor corresponds to a plurality of deformable regions.

26. The user interface of claim 24, wherein the array of sensors includes a first number of first conductors and a second number of second conductors, wherein the first number and the second number are both less than the number of deformable regions, and wherein each first conductor and each second conductor correspond to a plurality of deformable regions.

27. The user interface of claim 24, wherein the sensors in the array of sensors generate a composite sensor signal indicating the state of a plurality of deformable regions.

28. The user interface of claim 1 incorporated into an electronic device selected from the group consisting of: an automotive console, a desktop computer, a laptop computer, a tablet computer, a television, a radio, a desk phone, a mobile phone, a PDA, a personal navigation device, a personal media player, a camera, and a watch.

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